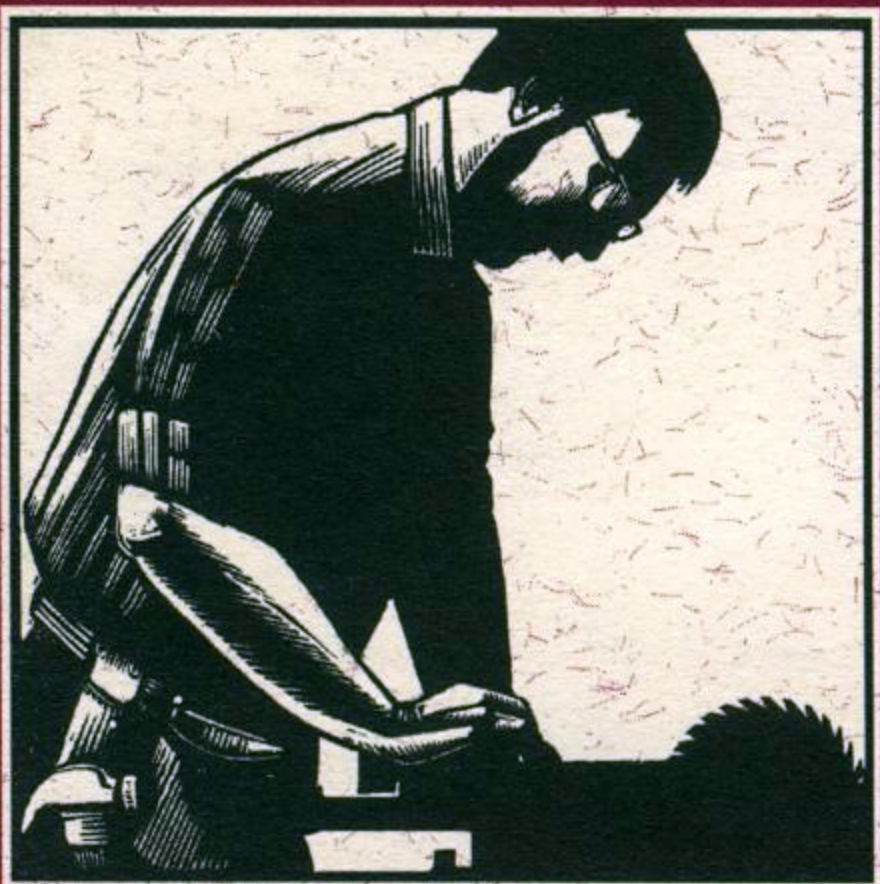


THE NEW YANKEE



WORKSHOP

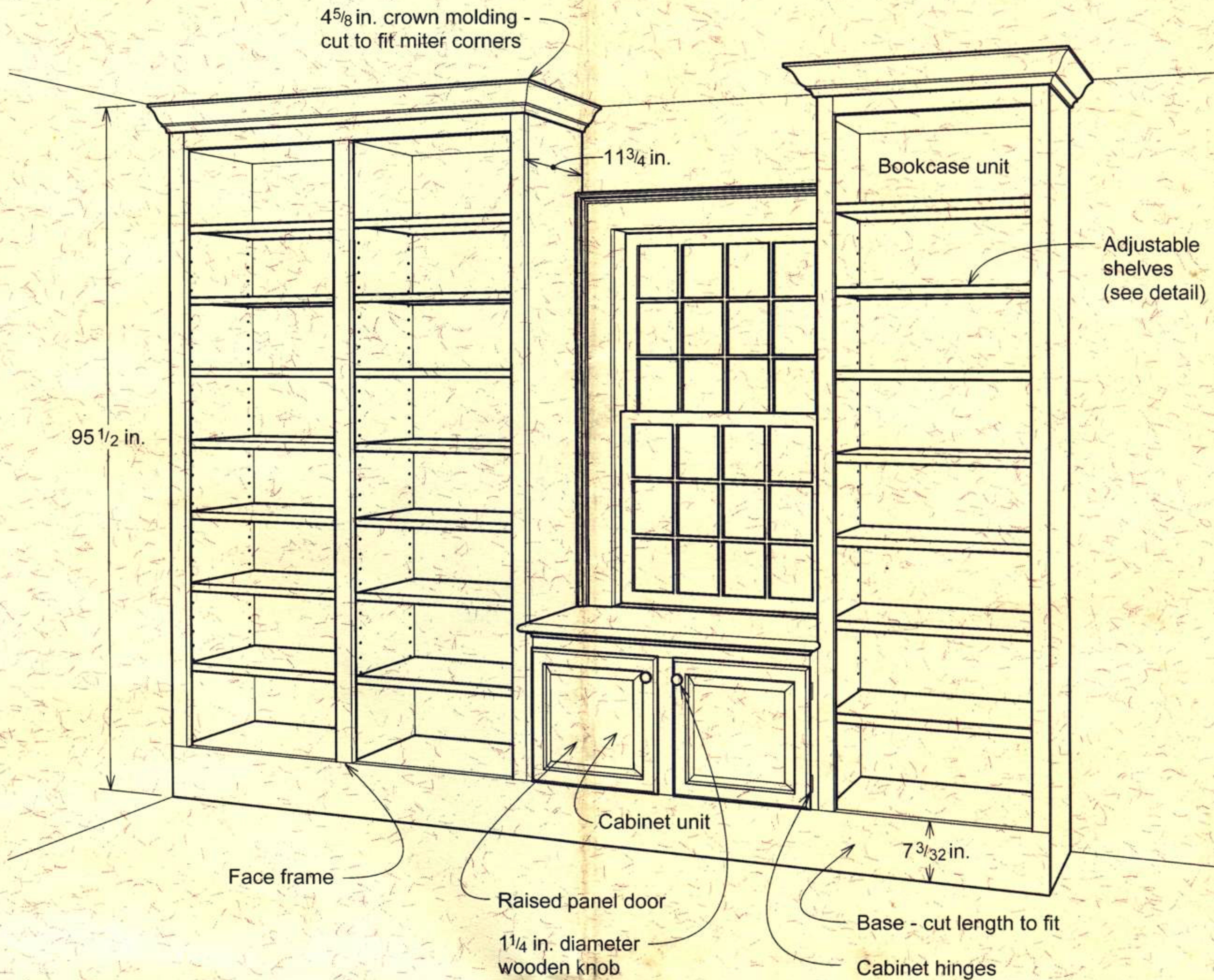
Featuring the Craftsmanship of
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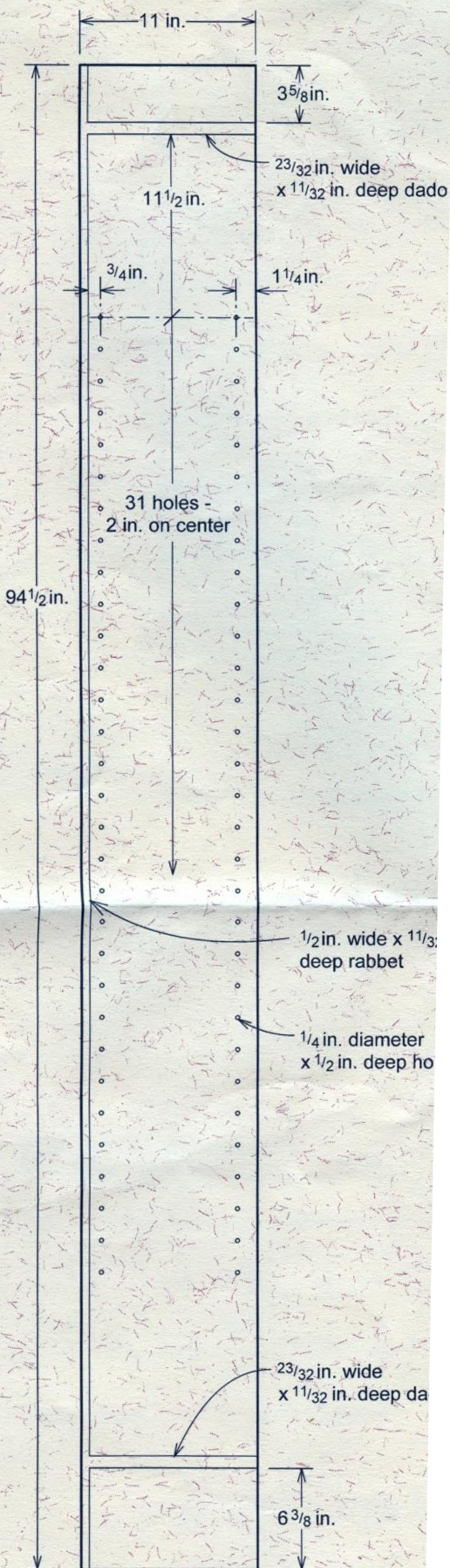
Major anatomy

Note: This assembly fits our space. Adjust heights and widths to fit your space.



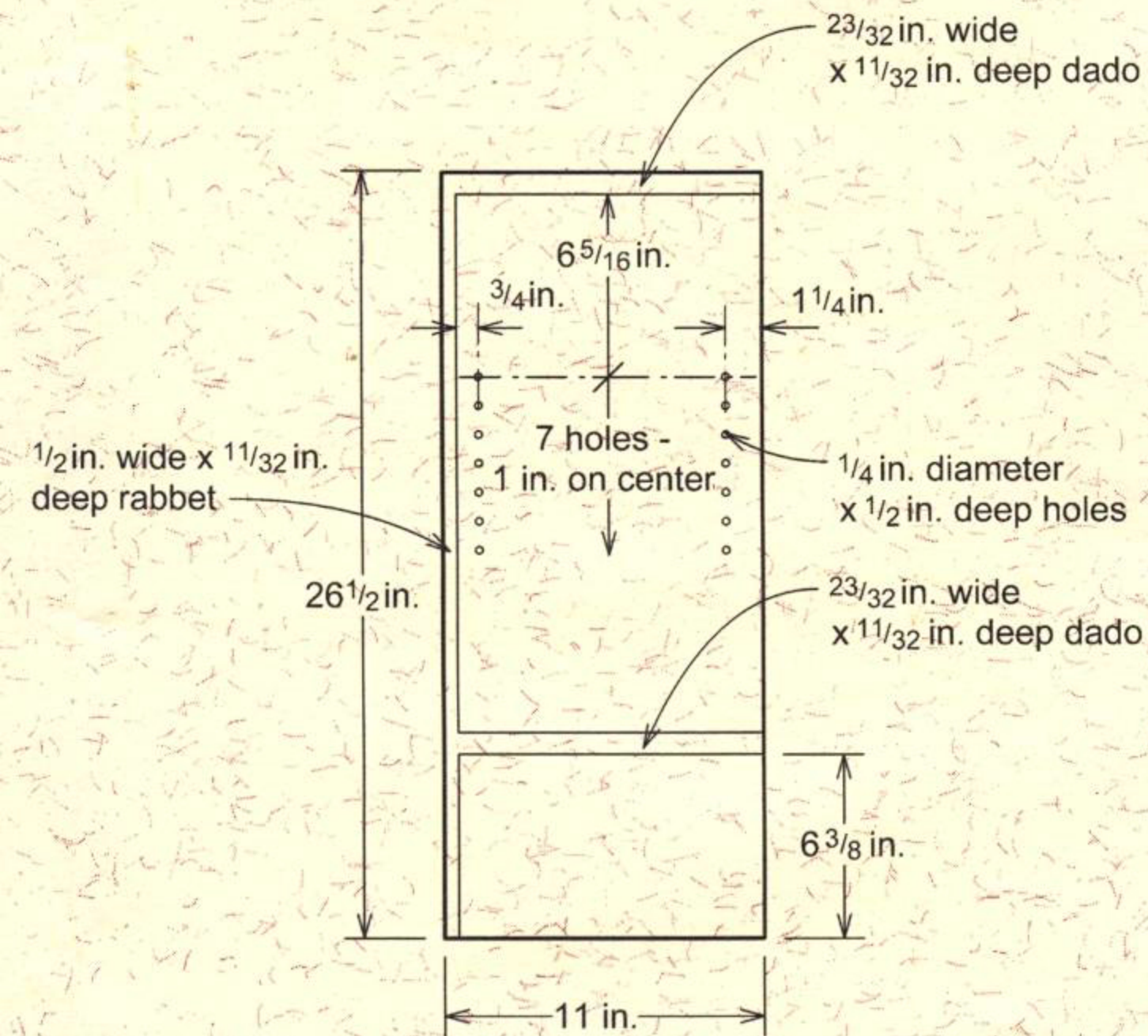
Standard

Note: Make one as shown and one in a mirror image for each unit. Standard must be 1 in. shorter than finished ceiling height.



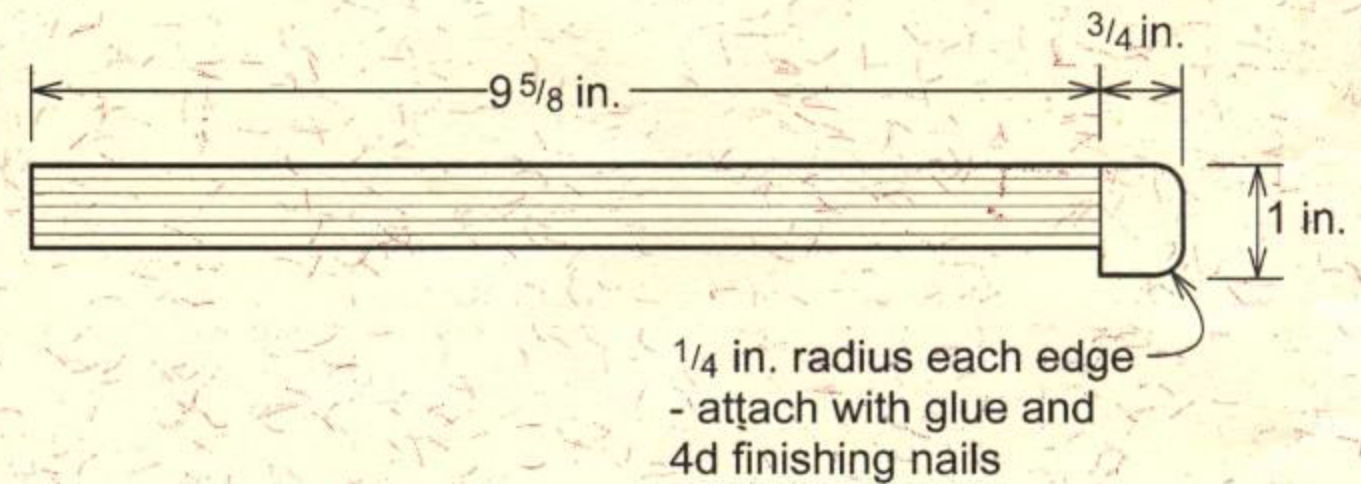
Side for cabinet

Note: Make one as shown and one in a mirror image for each base cabinet.

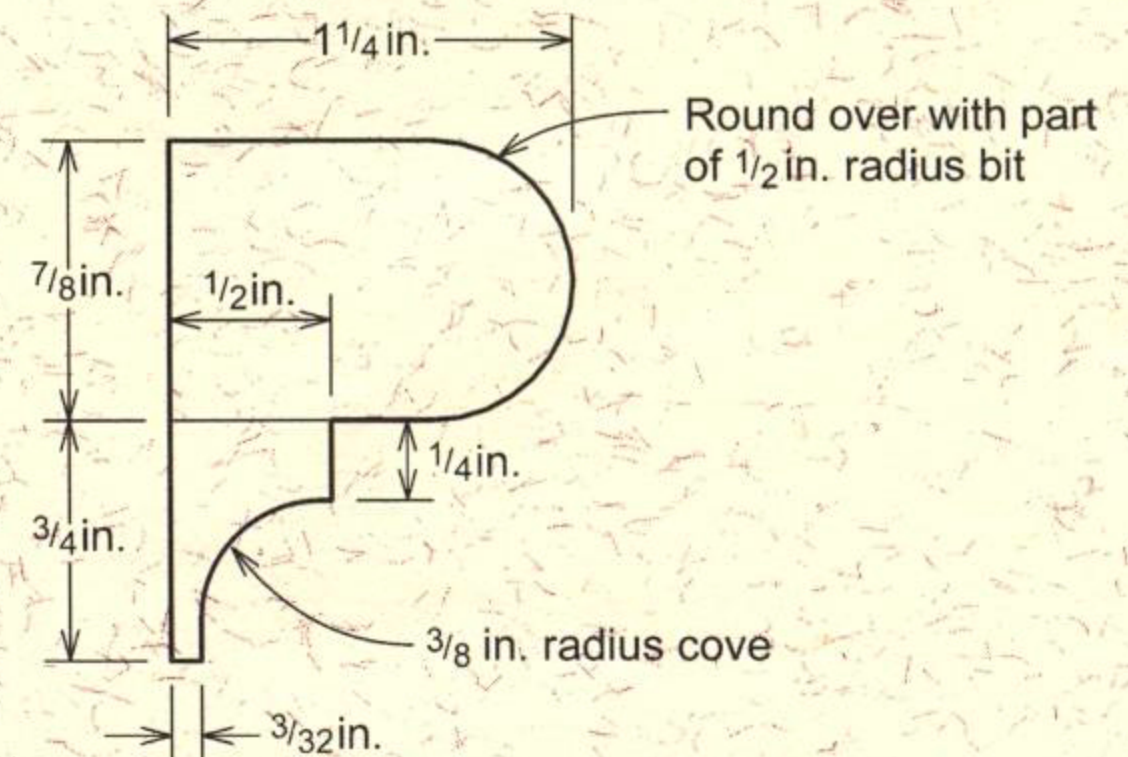


Shelf

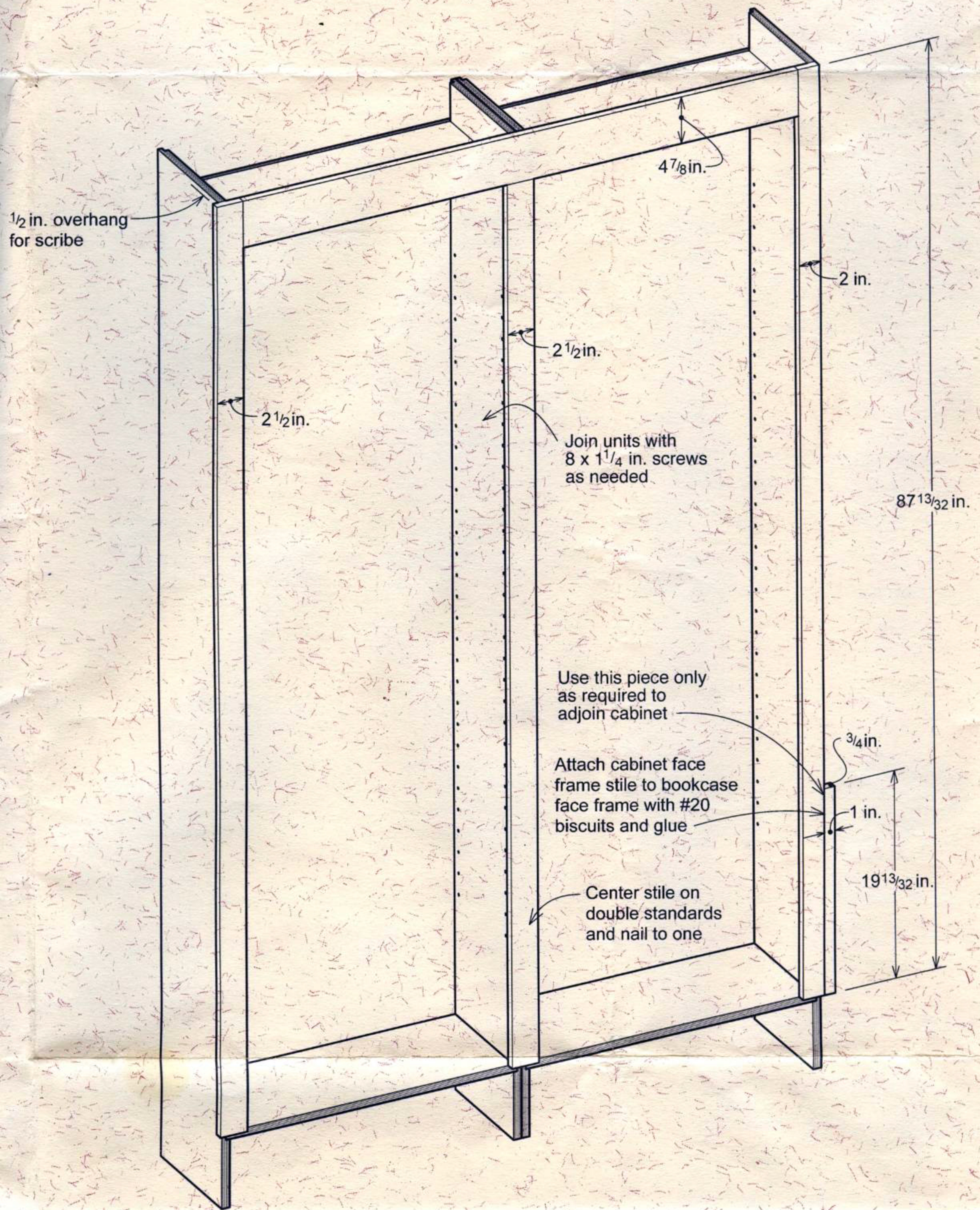
Note: Length is 3/16 in. shorter than distance between standards.



Section through cove molding for cabinet

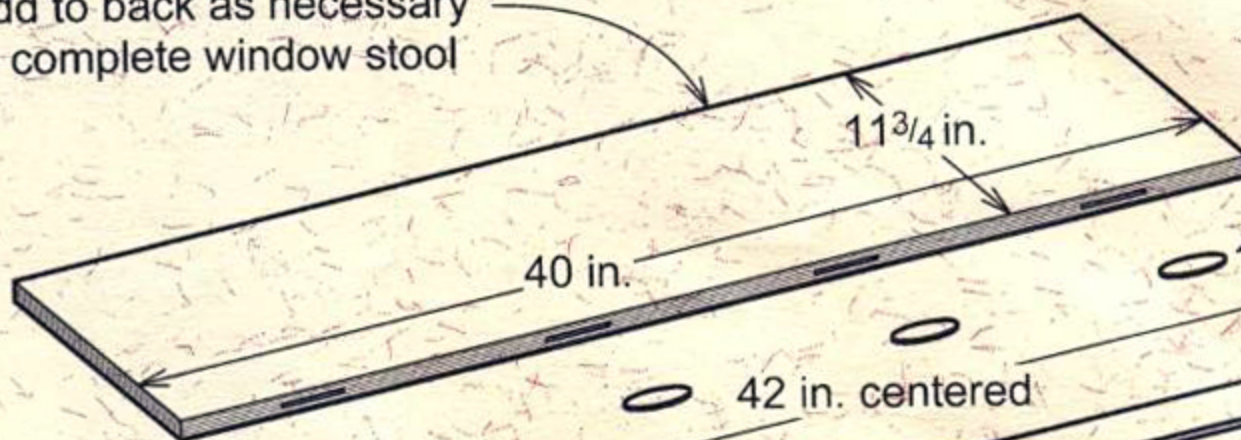


Double bookcase unit assembly

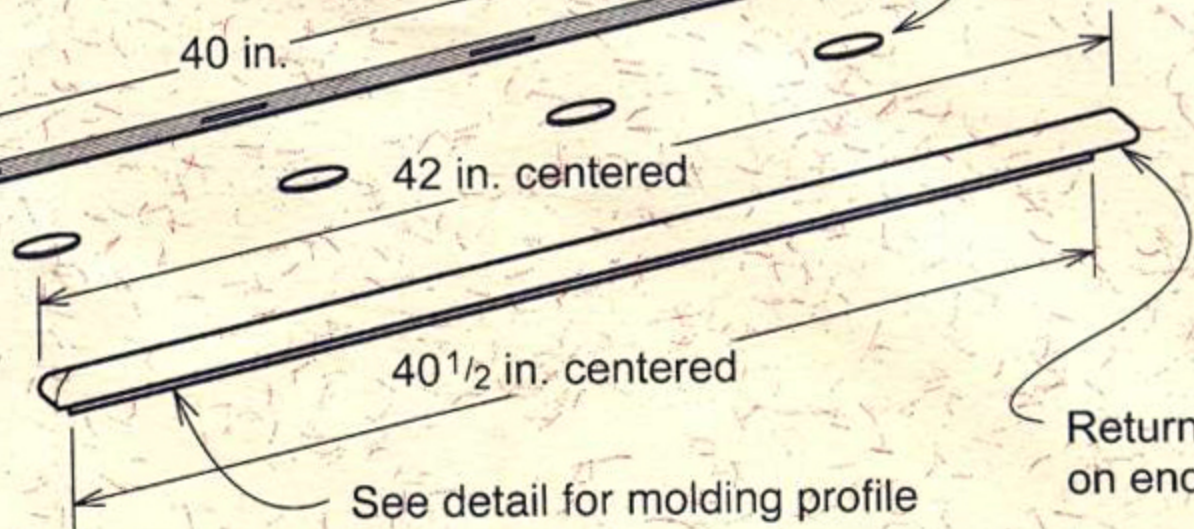


Cabinet assembly

Add to back as necessary
to complete window stool

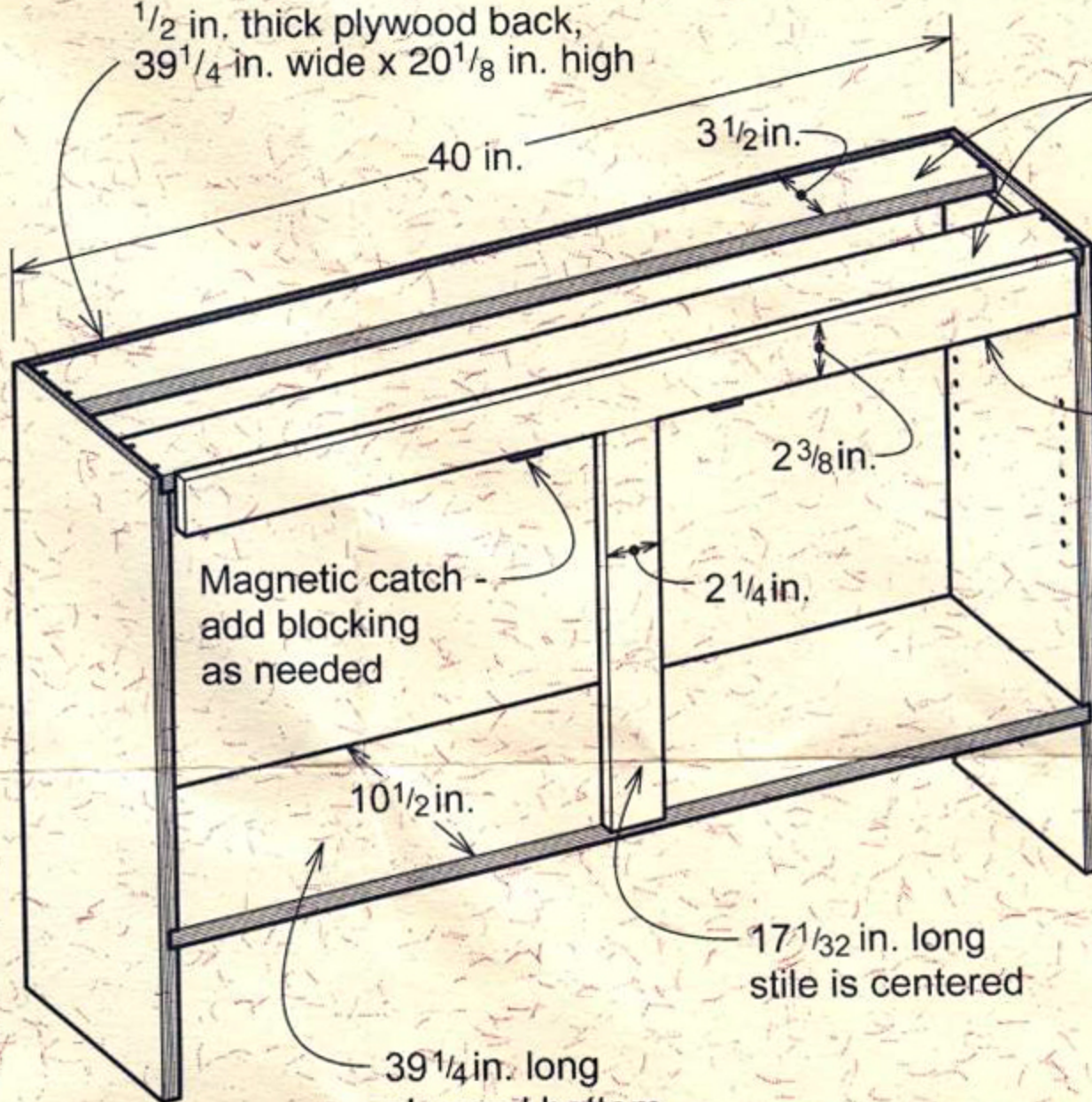


Attach with #20
biscuits and glue



Return molding
on ends

1/2 in. thick plywood back,
39 1/4 in. wide x 20 1/8 in. high



39 1/4 in. long
plywood cleats

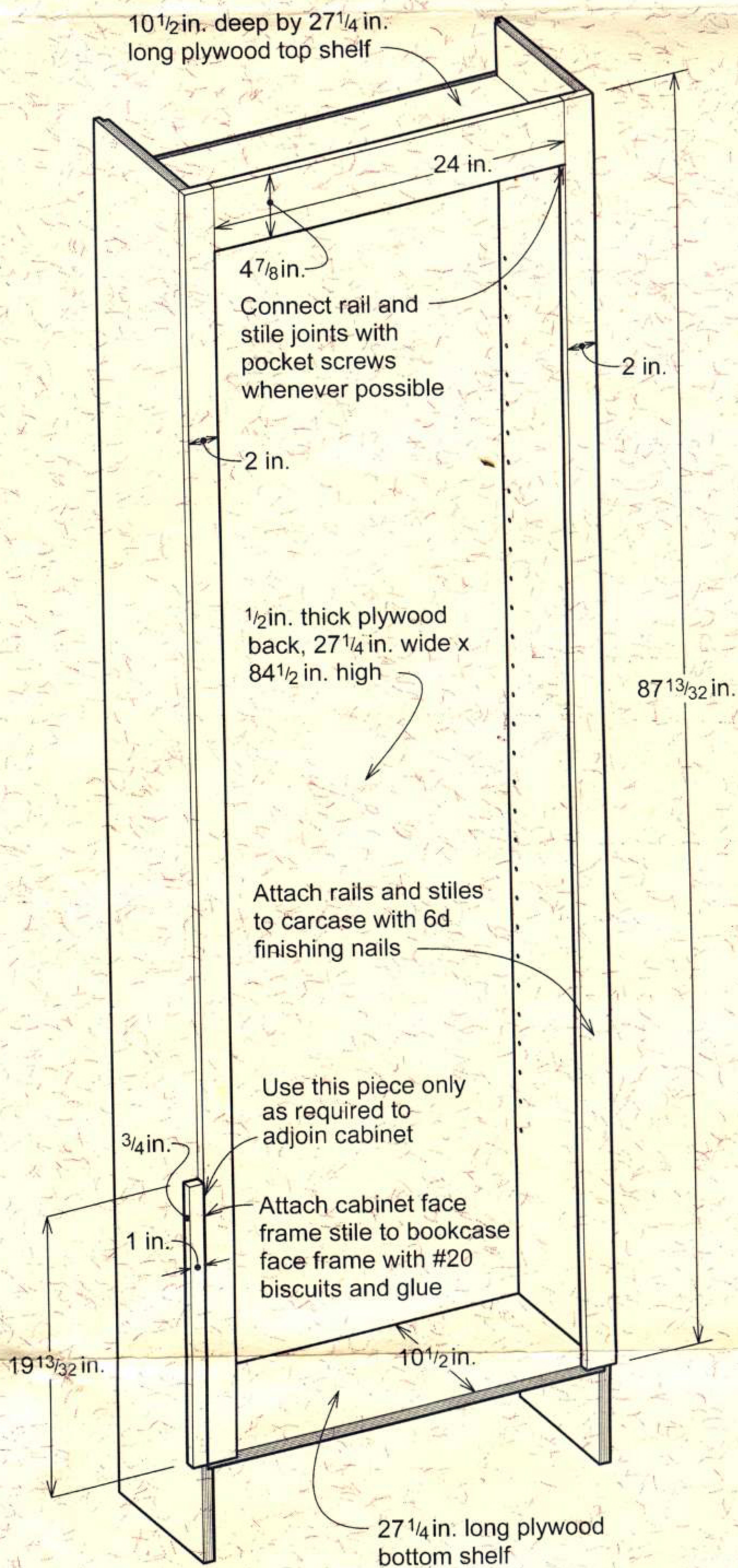
Rail is centered -
cut length to fit

Magnetic catch -
add blocking
as needed

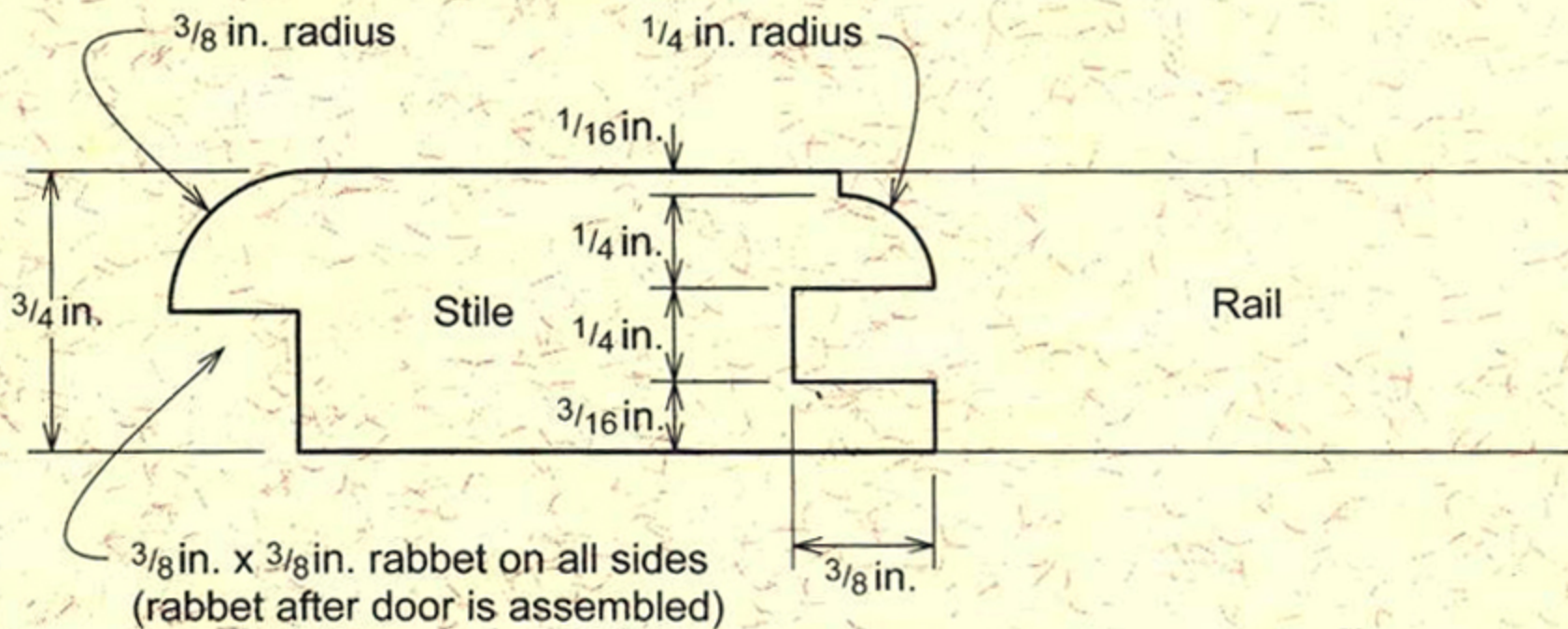
17 1/32 in. long
stile is centered

39 1/4 in. long
plywood bottom

Single bookcase unit assembly

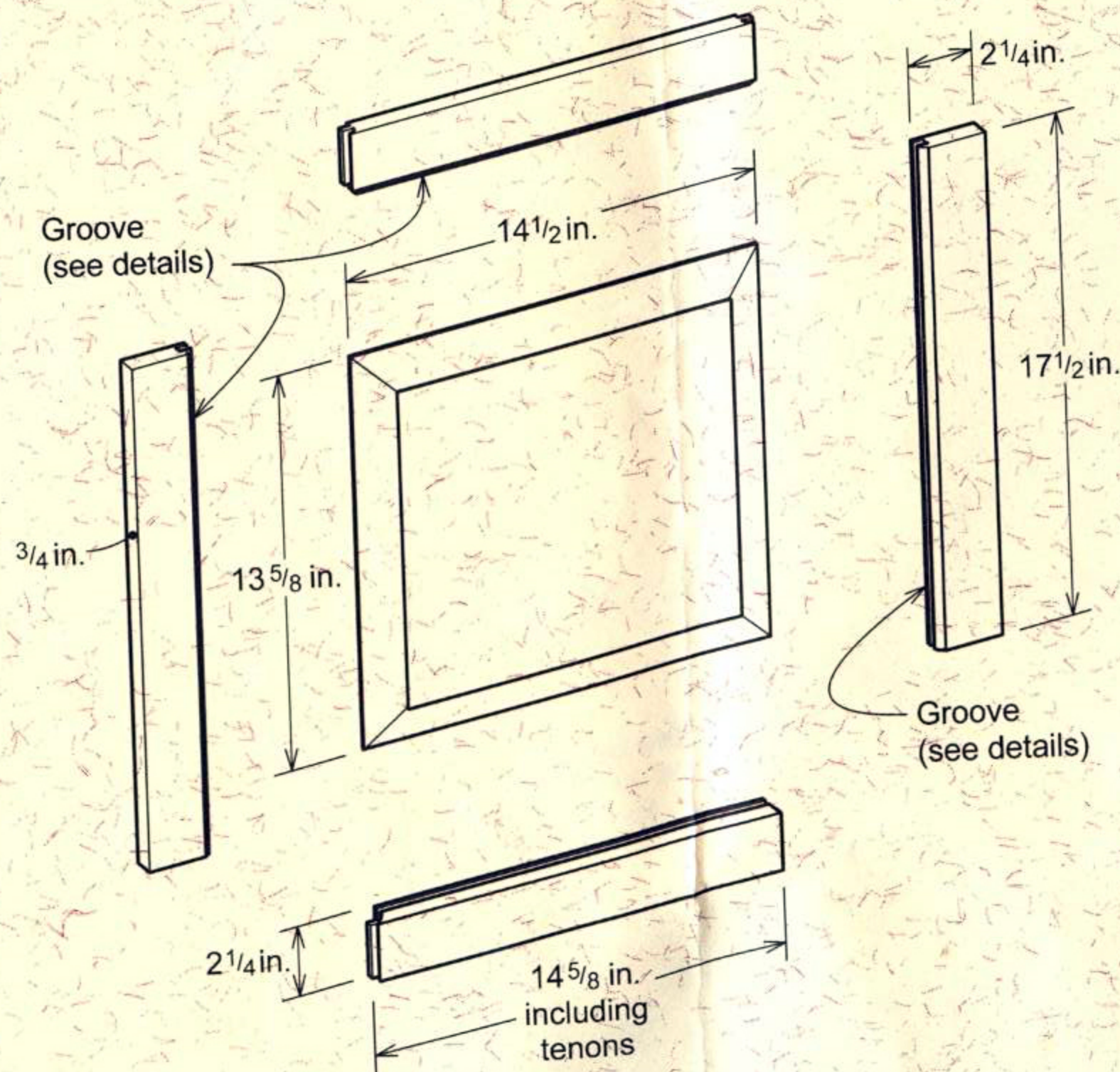


Rail and stile joint

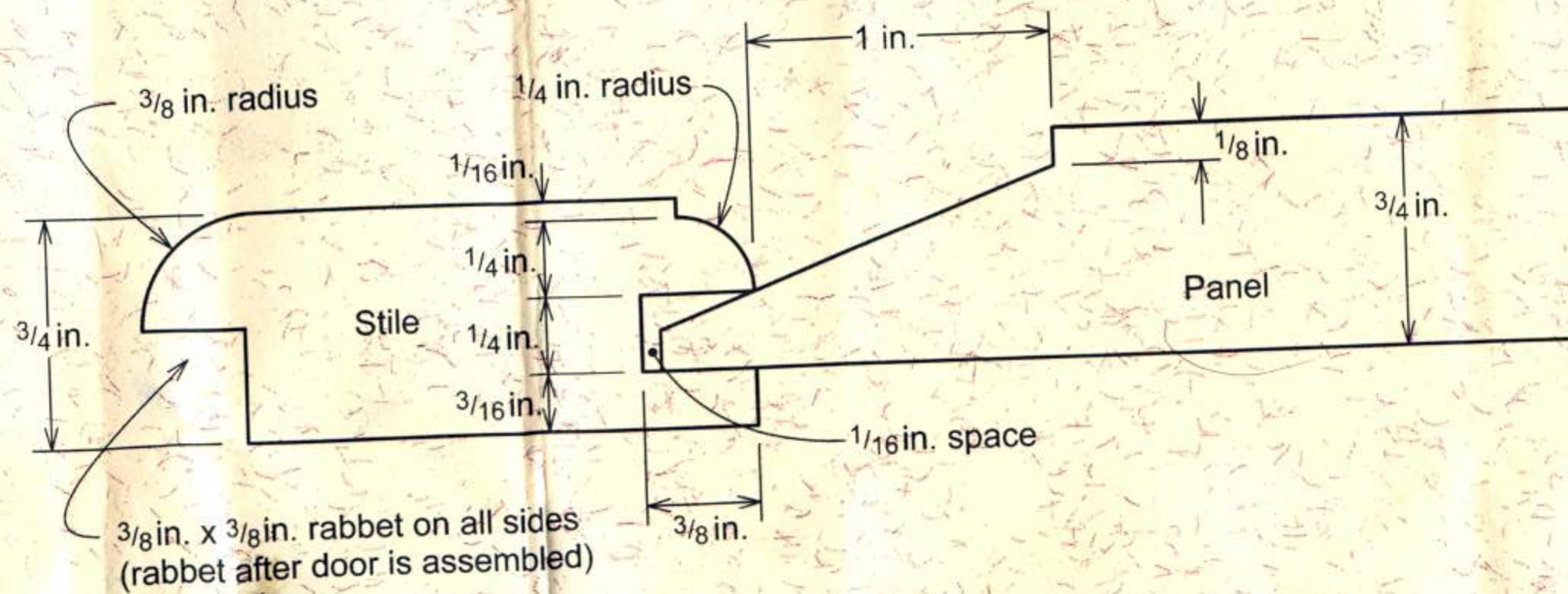


Door

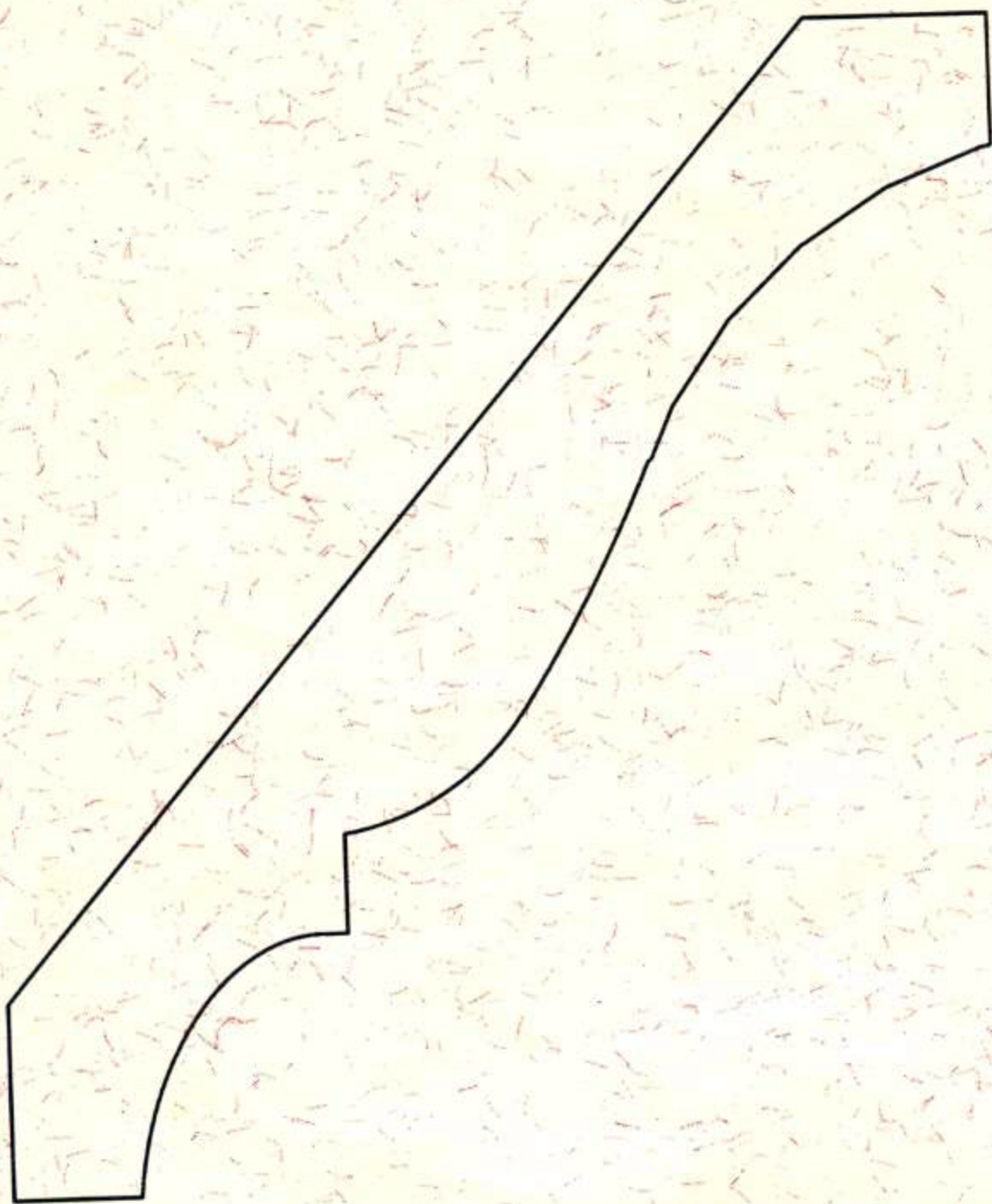
Note: Assembled door is $17\frac{1}{2}$ in. high x $18\frac{3}{8}$ in. wide.



Section through raised panel



$4\frac{5}{8}$ in. crown molding



Materials list

Note: The actual thickness of the 3/4 in. and 1/2 in. plywood used in this project is 23/32 in. and 15/32 in. respectively. If the thickness of your plywood varies, recalculate dimensions as needed.

Nominal Dimensions	Quantity/Length	Approximate Dimensions	Part of Project
5/4 x 2 Poplar	1 pc. 4 ft. long	Joint and surface plane to a thickness of 7/8". Cut 42" long. Joint an edge. Round over edge and ends as shown in the plan. Rip and joint 1 1/4" wide.	Front edge for top of cabinet
1 x 8 Poplar	1 pc. 12 ft. long	Rip and joint 7 3/32" wide. Cut length to fit.	Base of face frame
	1 pc. 8 ft. long	Rip and joint 3 pcs. 2" wide. Cut lengths to fit.	Stiles for face frame of single bookcase and right stile for face frame of double bookcase
1 x 6 Poplar	1 pc. 12 ft. long	Cut 5 pcs. 28" long. Rip and joint 4 pcs. 1" wide from each. After rounding edges as shown in the plan, cut all pcs. 26 3/8" long.	Edging for shelves
	1 pc. 10 ft. long	Cut 1 pc. 53" long and 1 pc. 25" long. Rip and joint both pcs. 4 7/8" wide. Cut lengths to fit.	Top rails for face frames of bookcases
		From remaining 1 x 6, rip and joint a pc. 2 3/8" wide. Cut length to fit.	Top rail for face frame of cabinet
		From remaining strip, cut a pc. 18" long and rip and joint 2 1/4" wide. Recut length to fit.	Center stile for face frame of cabinet
	1 pc. 8 ft. long	Rip and joint 2 pcs. 2 1/2" wide. Cut lengths to fit.	Center stile and left stile for face frame of double bookcase
	1 pc. 6 ft. long	Rip and joint 2 pcs. 2 1/4" wide. Cut 2 pcs. 17 1/2" and 2 pcs. 14 5/8" from each.	Stiles and rails for cabinet doors
1 x 3 Poplar	1 pc. 6 ft. long	Rip and joint 1 pc. 1" wide. After rounding edges as shown in the plan, cut 1 pc. 26 3/8" long and 1 pc. 38 3/8" long.	Remaining edging for shelves
		Mill remaining pc. according to plan.	Cove molding for cabinet
3/4" Pre-primed or Unprimed Plywood	4 pcs. 4 ft. x 8 ft.	From one sheet: Rip 4 pcs. 11" wide. Cut 94 1/2" long.	Bookcase standards
		From one sheet: Rip 3 pcs. 11" wide. Cut 2 pcs. 94 1/2" long, 2 pcs. 26 1/2" long and 1 pc. 39 1/4" long. Rip 39 1/4" pc. 10 1/2" wide.	Bookcase standards, sides and bottom shelf for cabinet carcass
		Rip 1 pc. 10 1/2" wide. Cut 3 pcs. 27 1/4" long.	Bottom shelf for bookcase units
		Rip 1 pc. 3 1/2" wide. Cut 2 pcs. 39 1/4" long.	Cleats for top of cabinet carcass
		From one sheet: Crosscut at 80". Rip 4 pcs. 9 5/8" wide from the 80" pc. Cut 12 pcs. 26 3/8" long.	Adjustable shelves
		Crosscut a pc. 11 3/4" wide from remaining pc. Trim to 40" long.	Top of cabinet
		From one sheet: Rip 1 pc. 10 1/2" wide. Cut 3 pcs. 27 1/4" long. Crosscut remainder at 80". Rip 3 pcs. 9 5/8" wide from the 80" pc. Cut 9 pcs. 26 3/8" long.	Top shelves for bookcase units Remaining adjustable shelves
	(Optional) 1 pc. 12 in. x 48 in.	Rip 9 5/8" wide. Cut 38 3/8" long.	Adjustable shelf for cabinet
1/2" Pre-primed or Unprimed Plywood	3 pcs. 4 ft. x 8 ft.	Crosscut all to 84 1/2". Rip all 27 1/4" wide.	Backs for bookcase units
	1 pc. 24 in. x 48 in.	Trim to 20 1/8" x 39 1/4".	Back for cabinet
3/4" Medium Density Fiberboard	1 pc. 16 in. x 30 in.	Rip 14 1/2" wide. Cut 2 pcs. 13 5/8" long.	Panels for doors
4 5/8" Crown Molding	1 pc. 12 ft. long	Cut to fit.	
3/8" Overlay Hinges with 3/8" Lip	2 pair		
Magnetic Catches	2 pcs.		
1/4" Shelf Supports	88 pcs.		
1 1/4" Diameter Wooden Knobs	2 pcs.		

GENERAL NOTES ABOUT MATERIALS LISTS:

- It is just a guide - confirm final dimensions with the plan.
- Screw quantities are not always listed. Even the basic woodworker should have adequate quantities on hand.
- If there is a measurement conflict between the plans and the video, the plans should prevail.